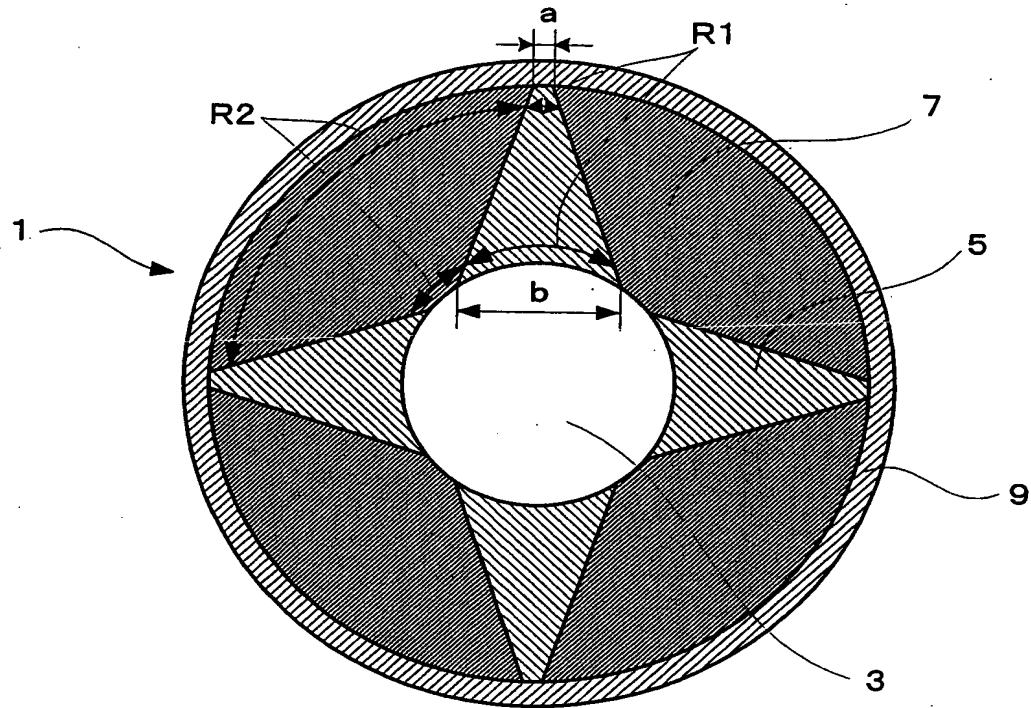




1/9

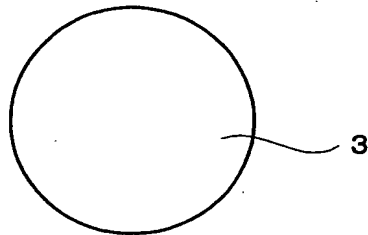
Fig. 1



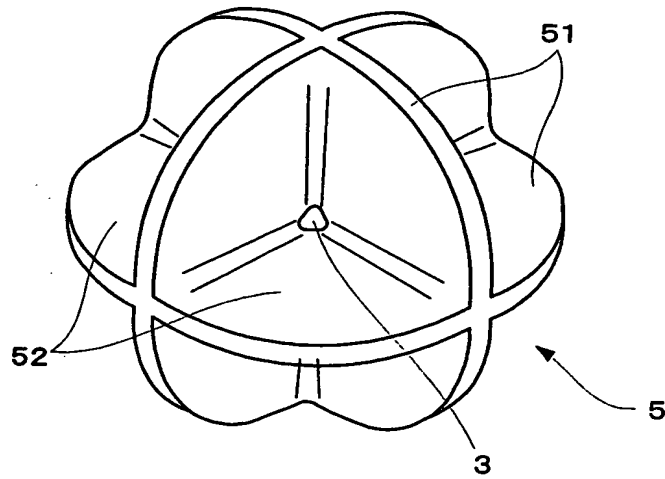
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Fig. 2

(a)



(b)



(c)

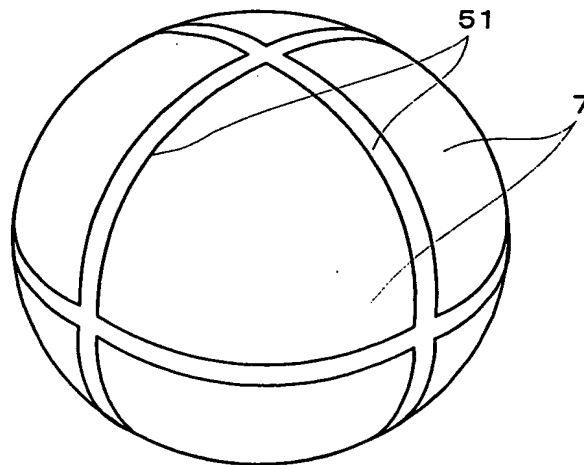


Fig. 3

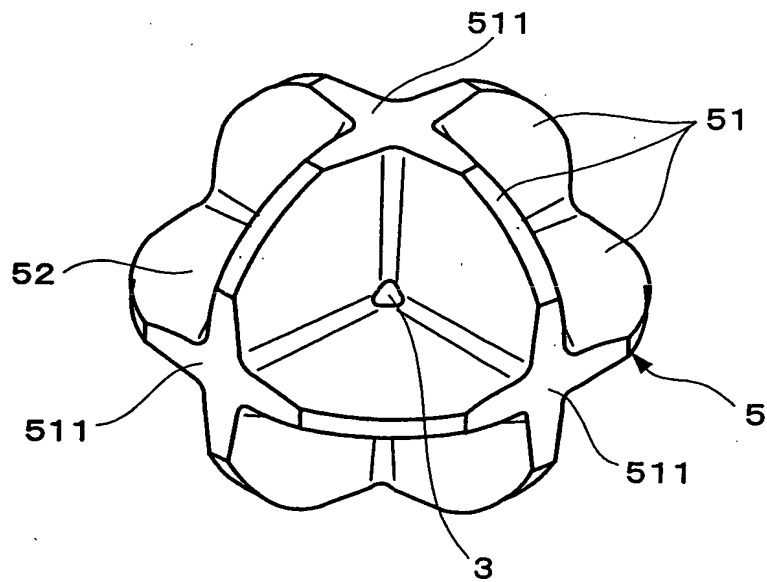


Fig. 4

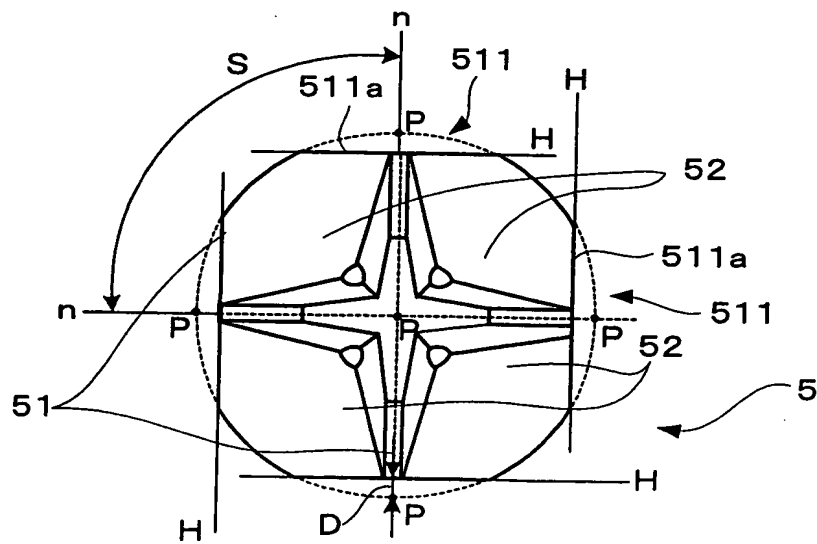


Fig. 5

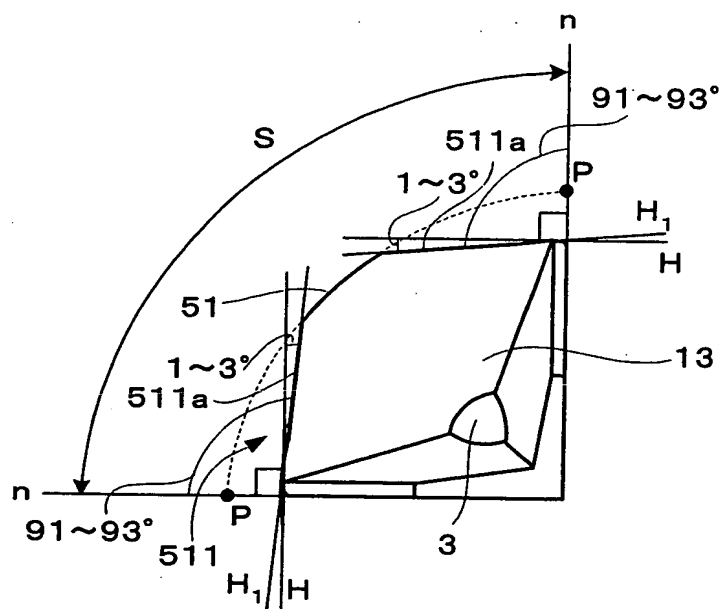


Fig. 6

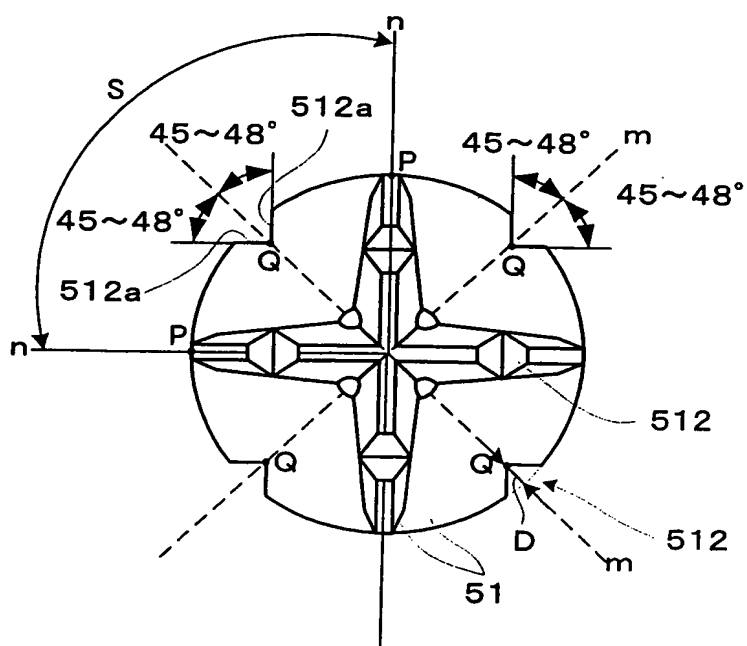


Fig. 7

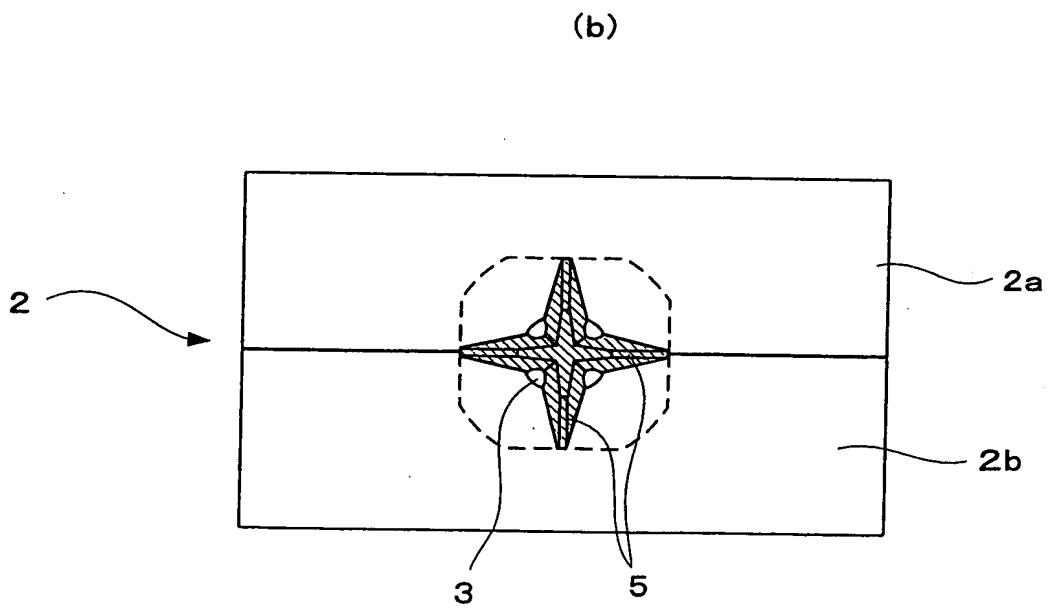
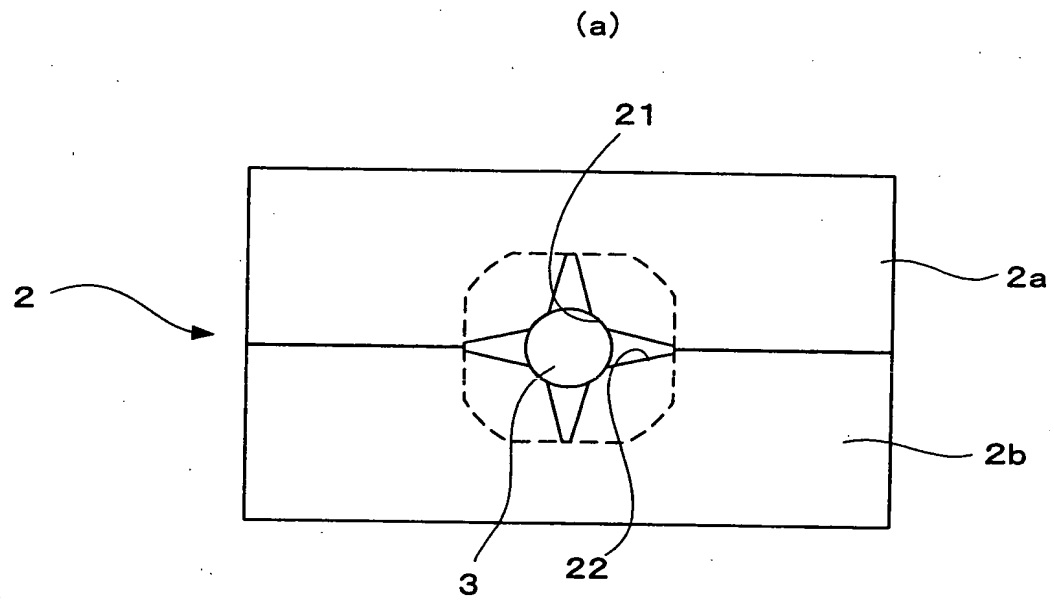
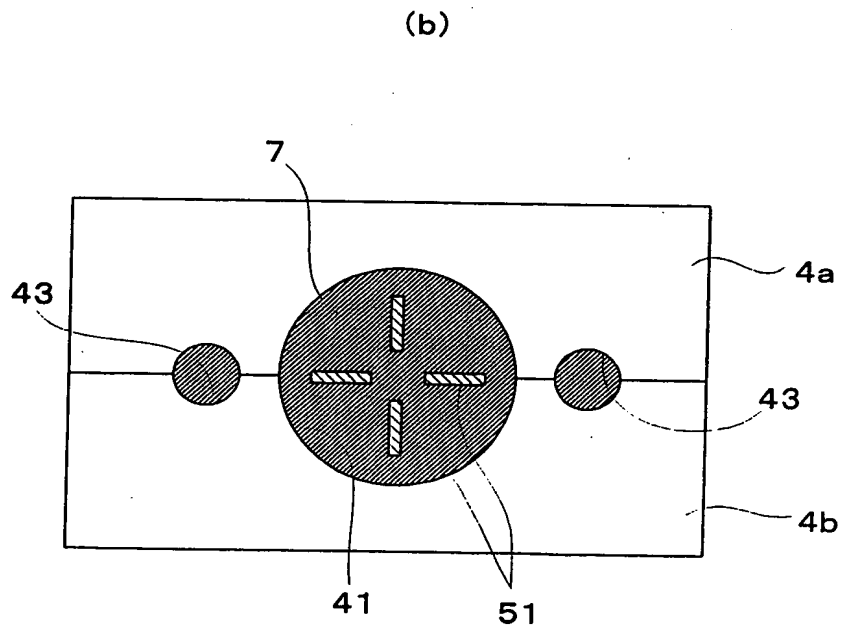
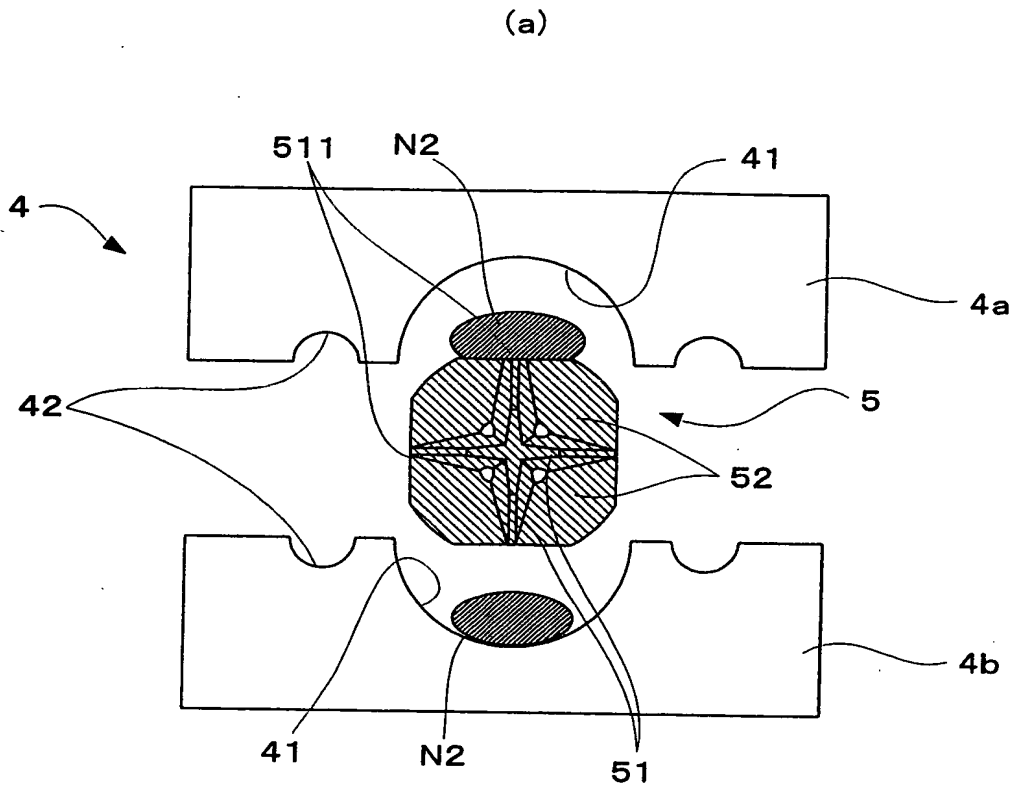


Fig. 8



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Fig. 9

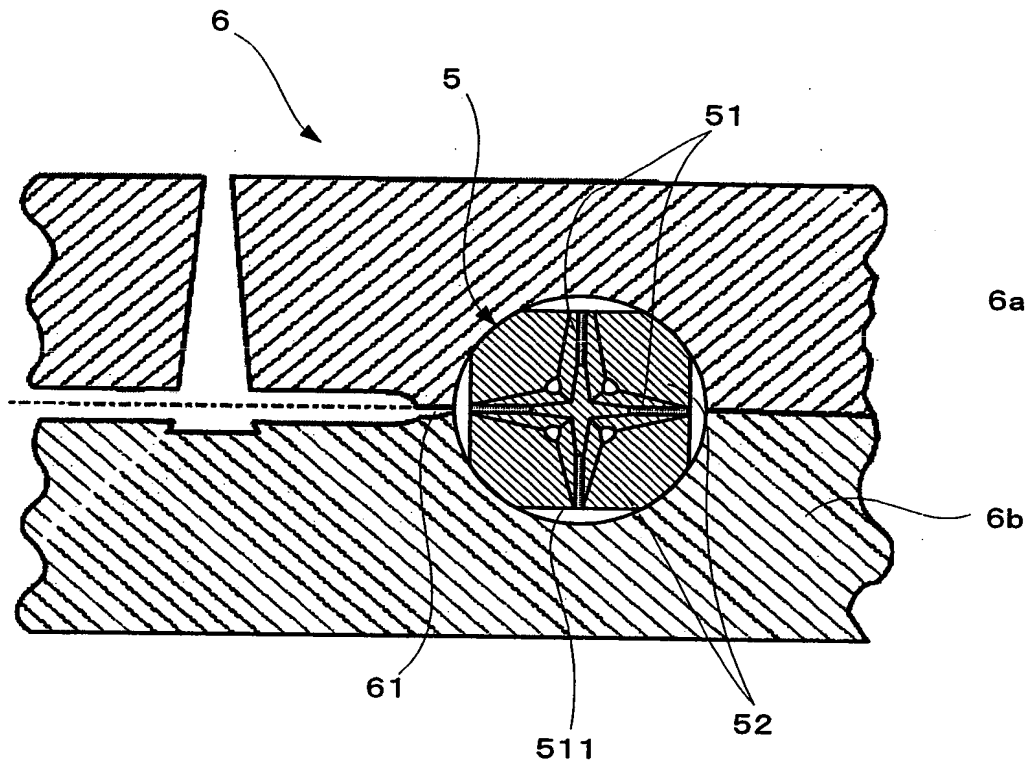


Fig. 10

Core		Ex. 1	Ex. 2	Ex. 3	Ex. 4	Comp. Ex. 1	Comp. Ex. 2	Comp. Ex. 3	Comp. Ex. 4
		1.08 40 100 5 5 1 21 0.1	1.08 40 100 5 5 1 21 0.1	1.08 40 100 5 5 1 21 0.1	1.08 50 100 4 2 1 31 0.1	1.08 40 100 5 5 1 21 0.1	1.08 40 100 5 5 1 21 0.1	1.2 40 100 5 5 25 21 0.1	1.2 50 100 5 22 1 31 0.1
First intermediate layer	Specific gravity	1.16	1.2	1.14	1.16	1.2	1.14	1.2	1.2
	Shore D hardness	50	50	50	45	50	50	50	45
	BR	100	100	100	100	100	100	100	100
	Zinc oxide	5	5	5	5	5	5	5	5
	Barium sulfate	15	22	11	16	22	11	22	23
	Peroxide	1	1	1	1	1	1	1	1
	Zinc acrylate	31	31	31	26	31	31	31	26
Second intermediate layer	Antioxidant	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Specific gravity	1.25	1.25	1.23	1.25	1.25	1.23	1.13	1.13
	Shore D hardness	43	45	43	40	45	43	43	40
	BR	100	100	100	100	100	100	100	100
	Zinc oxide	5	5	5	5	5	5	5	5
	Barium sulfate	33	32	30	34	32	33	12	13
	Peroxide	1	1	1	1	1	1	1	1
Cover	Zinc acrylate	24	26	24	21	26	24	24	21
	Antioxidant	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	HIMILAN 1706	50	50	50	50	50	50	50	50
	HIMILAN 1605	50	50	50	50	50	50	50	50

Unit: Part by weight

Fig. 11

		Ex. 1	Ex. 2	Ex. 3	Ex. 4	Comp. Ex. 1	Comp. Ex. 2	Comp. Ex. 3	Comp. Ex. 4
		Present	Present	Present	Present	Present	Present	Not present	Not present
Core	Diameter (mm)	23.3	26.5	16.9	23.3	26.9	16.5	32.3	32.3
	Hardness	40	40	40	50	40	40	40	50
First intermediate layer	Thickness (Rib height) (mm)	8.0	6.4	11.2	8.0	6.2	11.4	2.0	2.0
	Hardness	50	50	50	45	50	50	50	45
Second intermediate layer	Thickness (mm)	8.0	6.4	11.2	8.0	6.2	11.4	1.5	1.5
	Hardness	43	45	43	40	45	43	43	40
Cover	Thickness (mm)	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	Hardness	62	62	62	62	62	62	62	62

Fig. 12

	Example 1	Example 2	Example 3	Example 4	Comp. Ex. 1	Comp. Ex. 2	Comp. Ex. 3	Comp. Ex. 4
1W	Carry (m)	200.2	199.7	197.7	194.5	194.2	194.1	192.5
	Total (m)	212.2	211.4	206.5	211.0	205.4	206.4	201.9
	Back Spin (rpm)	2501	2510	2912	2524	2460	2411	2811
	Feeling	Excellent	Excellent	Excellent	Excellent	Too soft	Excellent	Too soft
5W	Carry (m)	150.2	150.5	148.3	149.5	145.0	146.0	144.2
	Total (m)	158.0	158.3	151.2	159.5	153.8	157.3	1478.2
	Back Spin (rpm)	4492	4481	5224	4398	4711	4342	5118
	Feeling	Excellent	Excellent	Excellent	Hard	Too soft	Excellent	Too soft